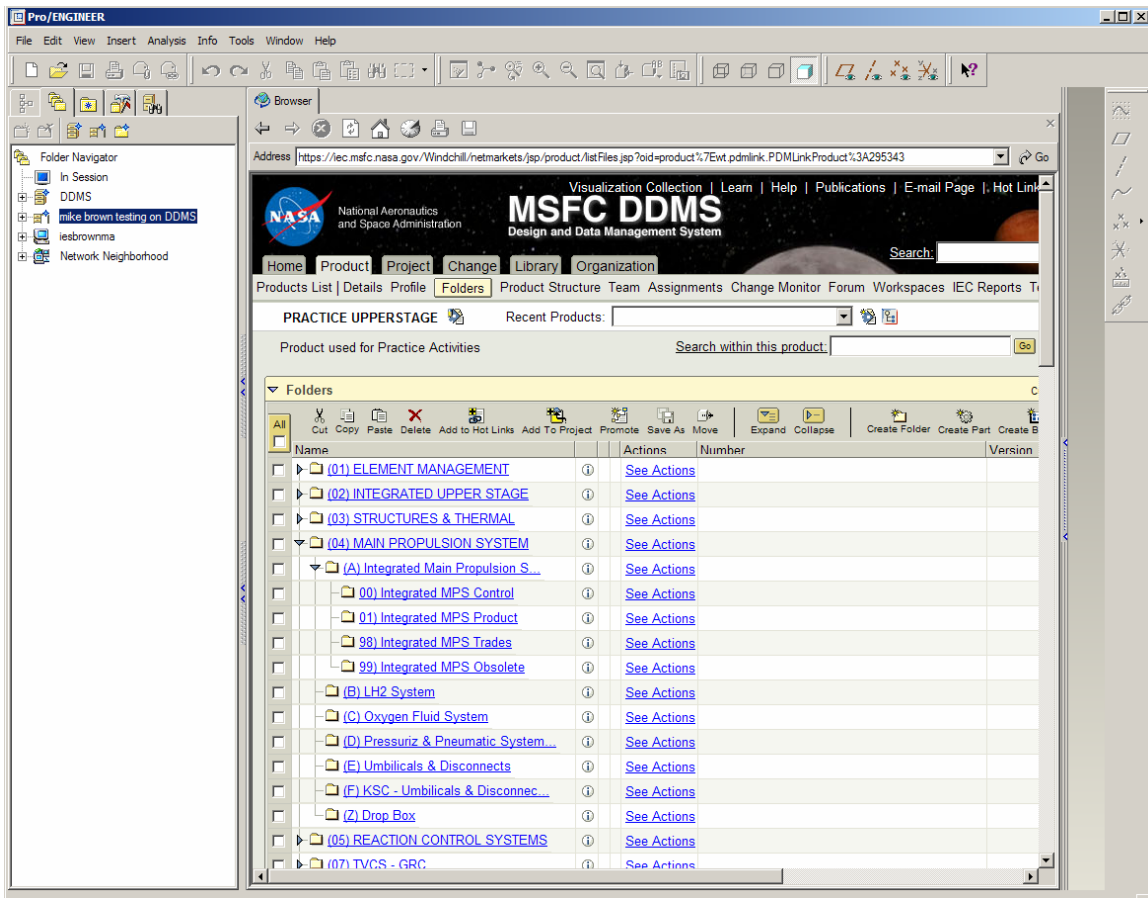


WORKSPACE FUNCTIONALITY, TOOLS AND TIPS

Embedded and Standalone Workspaces

The active workspace on IEC DDMS is the default location for most storage and retrieval actions. The active workspace can be viewed in the Pro/E with the embedded browser. The embedded browser offers full PDM functionality because it can access and reference your Pro/E session, your local workspace cache, the server side workspace in the Product you are working with, and the “commonsense.” Remember: the workspace is your personal cabinet that only you have access to and control over. Not even the administrators can view and/or control your workspace. There is a “client-side” and a “server-side” workspace (see the DDMS User’s Guide for additional information). The commonsense is the area of DDMS containing all CAD and CAD related data.



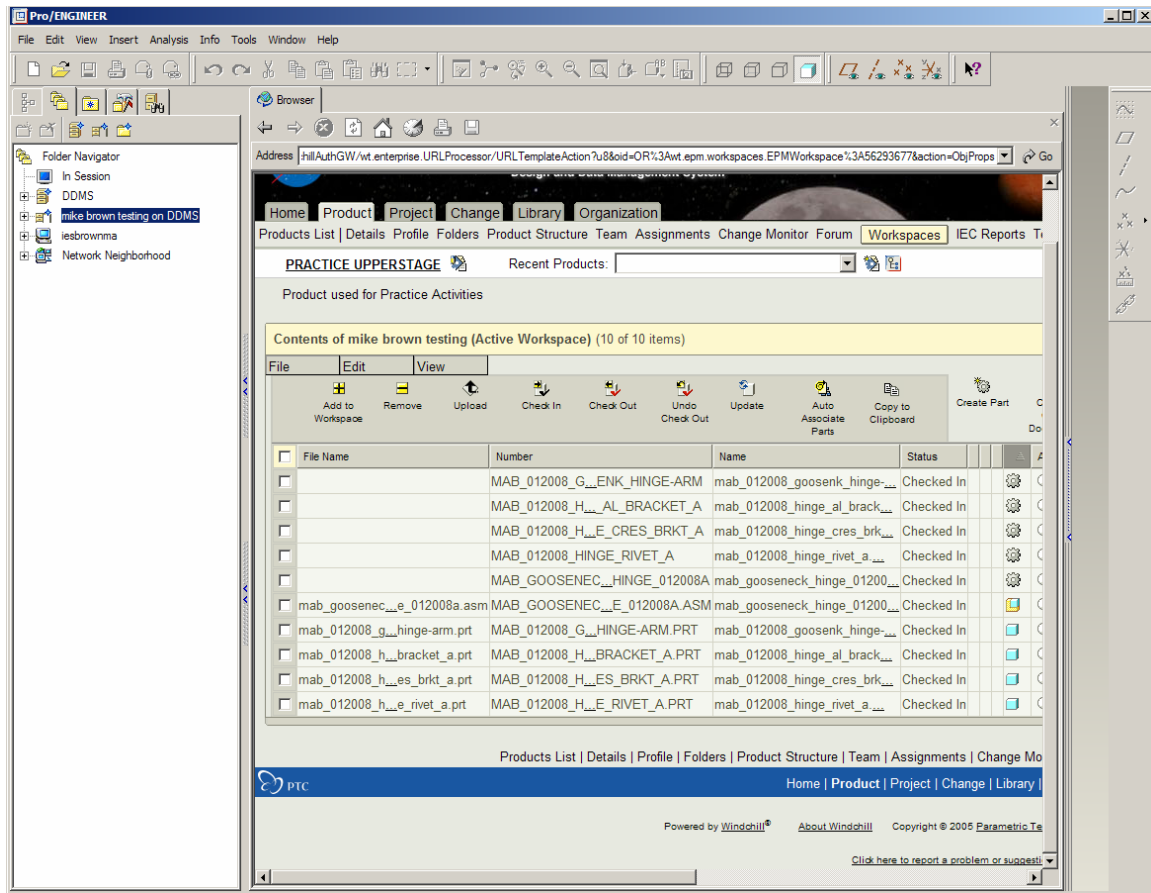
Embedded Browser View of Commonsense

DDMS SUPPORT GROUP

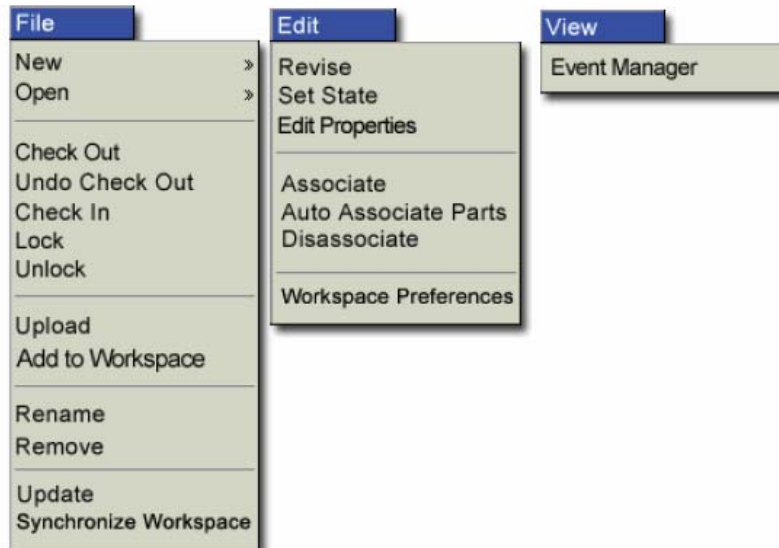
2/25/2008

Page 1 of 7

WORKSPACE FUNCTIONALITY, TOOLS AND TIPS



Embedded Browser View of Workspace



Embedded Browser Available Functions

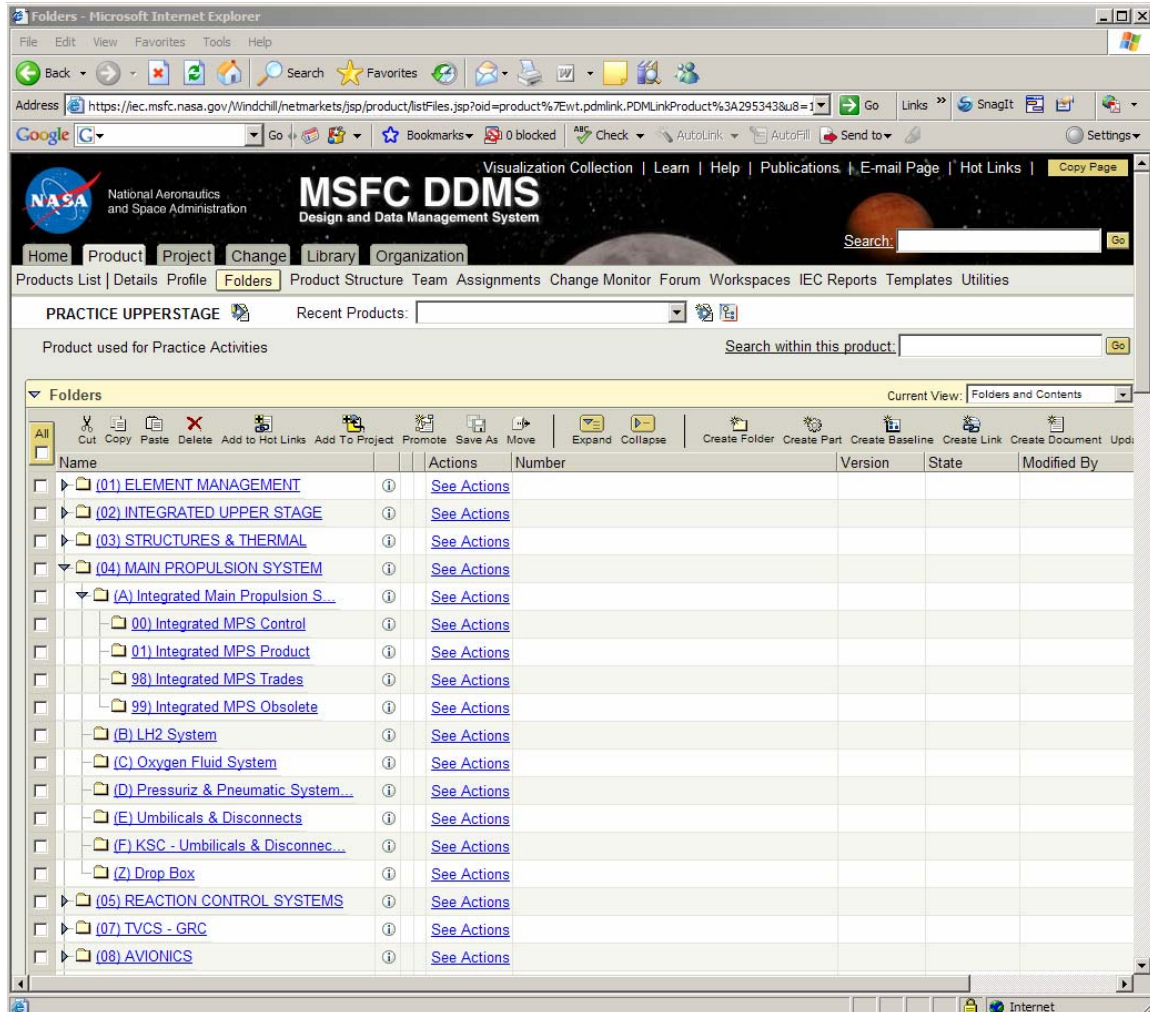
DDMS SUPPORT GROUP

2/25/2008

Page 2 of 7

WORKSPACE FUNCTIONALITY, TOOLS AND TIPS

You can also view a workspace from a standalone browser (for example, Microsoft Internet Explorer or Mozilla) that is not linked to a Pro/ENGINEER session. In this case, however, you only have access to the server-side workspace and the commonspace. This means that your available operations are fewer and limited to meta data only transactions.



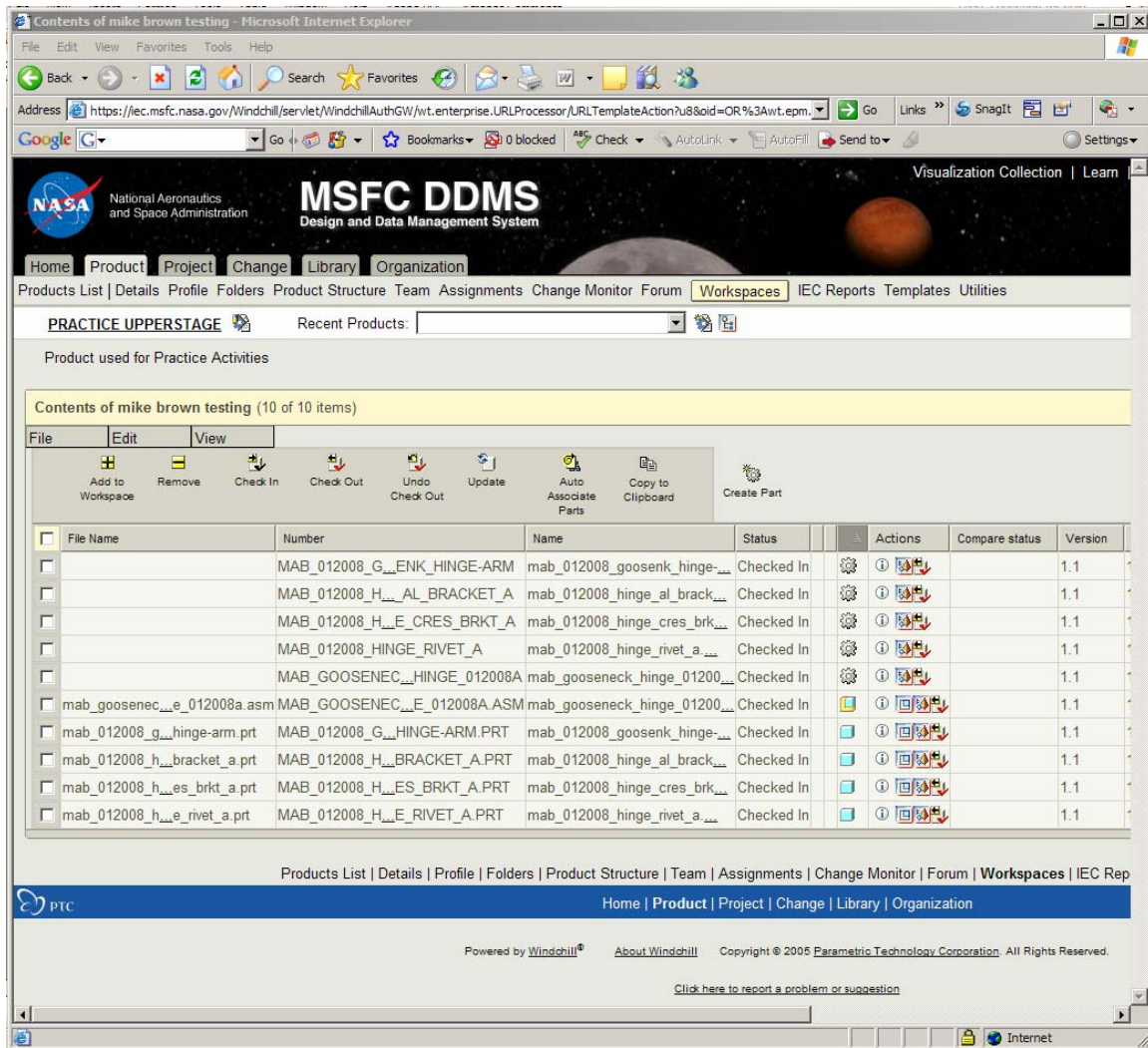
Stand-Alone Browser View of Commonsace

DDMS SUPPORT GROUP

2/25/2008

Page 3 of 7

WORKSPACE FUNCTIONALITY, TOOLS AND TIPS



Stand-Alone Browser View of Workspace

A workspace viewed from a standalone browser is interactive only with DDMS and the server-side workspace contents (no ProE). The menu options are limited. The following options are not available in the **File** menu:

Creating a new CAD document

- Lock
- Unlock
- Upload
- Synchronize Workspace

Note: The **Open > in Pro/Engineer** option can only work if Pro/E is installed on your machine.

DDMS SUPPORT GROUP

2/25/2008

Page 4 of 7

Working Offline

Working offline is not recommended procedure. However, there are times when users may be forced to work offline. Here are some of the things that have been found to cause the workspace to go offline.

- DDMS is taken down while you are still connected to the server.
- The local client cache has been exceeded. If this happens and you are forced to go offline, your model(s) may not be retrievable because the content is not available. If you are using the standard configuration loaded by IES Support your cache limit setting (dm_cache_limit 0) in the config.pro file is already set to avoid this problem.

In such cases, the following need be remembered.

- Server operations (for example, Save and Upload, Download, Check In, Check Out, Association, Revision, Create Part or CAD Document, and so on) are unavailable.
- When working offline, the workspace user interface is unavailable. You can access your workspace items by using either of the following user interfaces:
 1. The Pro/ENGINEER Wildfire **File > Open** dialog box
 2. The **File List** HTML page that opens in the embedded browser when you select an offline workspace in the Folder Navigator

Working with “No Server”

This function is different than setting the server to “offline.” If you set it to “No Server” (by double-clicking these words in the Tools/Server Registry dialog box) you will still have access to such functions as “Rename.” This is useful when you have large assemblies that you want to bring into a workspace from the hard drive. You can save the models to a workspace while connected to the server. Then you can go to “No Server” and perform the renaming function.

Working “Offline” versus Working with “No Server”

The difference between working offline and with no server is that if you are working offline, you can synchronize your local workspace with the server side workspace. This means that all of the changes made can be uploaded once the server is back online. This is not possible while working with “No Server.” With the latter, you need to explicitly bring the objects saved on the local drive into a ProE session and save them to the active workspace.

Keeping Workspaces Up to Date

It is recommended that you add the “Compare Status” field to your workspace table view. See the DDMS User Guide for performing this action. Having this column will keep you alerted when the data in your workspace is out of date.

Upload and Synchronize

The workspace offers two actions, **Update** and **Synchronize Workspace** that you can use to keep your workspace current. The **Update** action is used when modifications to an item made by other users or by you in another workspace may cause your current workspace item to become out-of-date. You may select one or more items to update (for example, when their status column symbols indicate they are out-of-date). In addition you can select the Update action without pre-selecting an item. In this case, the **Update** page is automatically populated with any out-of-date items from the workspace. After you specify how you would like the content handled (for example, whether or not to update, download, or link for download as needed), executing the update adds the latest iteration of an out-of-date item to the workspace.

You can use the **Synchronize Workspace** action to explicitly refresh all workspace items that have become stale in the cache due to more recent changes made on the server by another user or by you in a standalone workspace/browser. One example would be if you used a standalone browser to modify attributes on a workspace item. An explicit synchronization with the server would be required to communicate those changes to the local cache.

Workspaces with Incomplete Dependant Items

Users will encounter Check-In failures whenever an attempt is made to Check-In a model with incomplete dependents - also referred to as “torn sheets.” Incomplete items can appear in the workspace if you save an assembly to the workspace and there are name references to a file that cannot be saved to the workspace (perhaps because it was suppressed in the assembly file). The issue is that all the required information to make the item complete is absent.


You can resolve this problem by **Replacing** the missing item.

1. From the information page of an incomplete item, select **Replace** from the actions drop-down list and click **Go**. The **Replace** page appears. Clicking **View Details** returns you to the information page of the incomplete item.
2. **Search** or **Browse** to find a document to replace the incomplete item. When selected, the new document is displayed in the **New File Name** field. Clicking **Cancel** returns you to the information page without replacing the incomplete item.
3. Click **Ok** to replace the incomplete item with the selected document. All the parents of the incomplete item in the workspace are updated to reflect the selected item and the incomplete item is deleted. If the parents are in Pro/ENGINEER session, you are prompted to replace the items in session. To persist the changes after replacing the incomplete item, upload the documents.

WORKSPACE FUNCTIONALITY, TOOLS AND TIPS

Workspace Corruptions

Workspace corruptions can occur under various circumstances. The following methods are useful in correcting instances of workspace corruption.

1. Cannot Check-in Models
 - a. Go to Tools/Server Registry and select “No Server” (don’t erase model)
 - b. Save the model to you local hard drive
 - c. Reconnect to the server via Tools/Server Registry (select the server)
 - d. Perform “Undo Check-Out” of the model
 - e. Erase the model from the ProE session and remove the model from the active workspace
 - f. Open the model from local drive (from step “b” above)
 - g. Save the model into the active workspace
 - i. This will save the model into your local cache
 - ii. This will result in a “Filename Conflict” message
 - iii. You will resolve this problem in the next steps
 - h. Check-Out the server version of the model
 - i. This will give you control of that model
 - ii. This will also allow you the option to "Reuse"  the model as saved into the active workspace
 - iii. This actions clears Filename Conflict message
 - i. Try checking the model in again
2. Removing Workspaces
 - a. It is possible that you can have old workspaces that are causing problems.
 - b. Having old workspaces can also exhaust local cache storage capacity - which can lead to corruption problems.
 - c. You can go to the “workspaces” choice and delete these old workspaces. It is recommended that you not keep workspaces around unnecessarily.
3. Complete Corruption
 - a. Sometimes it is best to completely remove the problematic workspace. You can do this by removing the active .wf folder created with the ProE-DDMS session.
 - b. Close out of ProE.
 - c. Go to D:\Documents and Settings\brownma\Application Data\PTC\ProENGINEER\Wildfire (your user folder will be under your name - not “brownma”).
 - d. Move the .wf folder from this location to another location. It is recommended that you create another folder under the user name (example name: old.wf files) and move the current .wf to this location. Rename the .wf file (example: jan013008.wf).
 - e. Re-launch Pro/Engineer. This will create a new .wf file in the original location. You will need to go to Tools/Server Registry to reset the server location.